Virtual Private Server (VPS)

Set-up Guide

Version 1.0

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Welcome to the Virtual Private Server (VPS) Set-up Guide

In this set-up guide, you'll find instructions on how to set up a Virtual Private Server (VPS) with the MetaTrader 4 software at GFT. You can walk step-by-step through this guide to set up and maintain the VPS.

What is a Virtual Private Server (VPS)?

Virtual Private Server (VPS) hosting gives you a secure, dedicated server to enhance your MT4 trading platform and ease any concerns you may have about system instability. You can protect your MetaTrader 4 expert advisors (EAs) from downtime, power outages, or unexpected computer malfunctions; this also gives you the security that your trades will be executed without interruption.* Plus, you can log in remotely from any computer.

* *Even the most trustworthy services cannot fully avoid small or unexpected outages. In the rare case this occurs, subscribers will be promptly alerted to restart their EAs.*

Tips for Using This Guide

GFT uses the following notes to emphasize important information about using the VPS.

Describes information on the action of a tool or feature in the VPS. When you see this symbol, it provides a larger context for information and procedures.

Provides hints, tricks and shortcuts that may help you use the VPS.

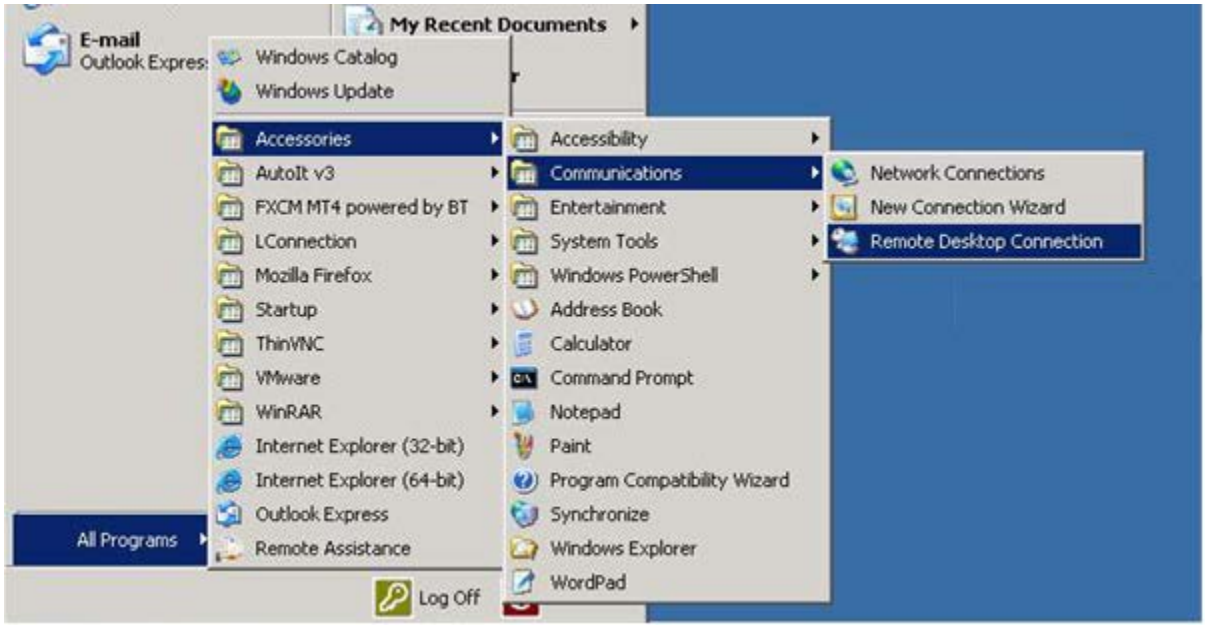
Alerts you of critical information that you need to know when you perform a particular procedure.

Setting up the Virtual Private Server (VPS)

Once you sign up for your VPS, you'll receive login details. You can use these in combination with the steps here to set up the server.

Connecting to the VPS

You'll need to connect to the VPS using the Remote Desktop Connection application located in the **Accessories** folder under the **Start** menu on your computer.

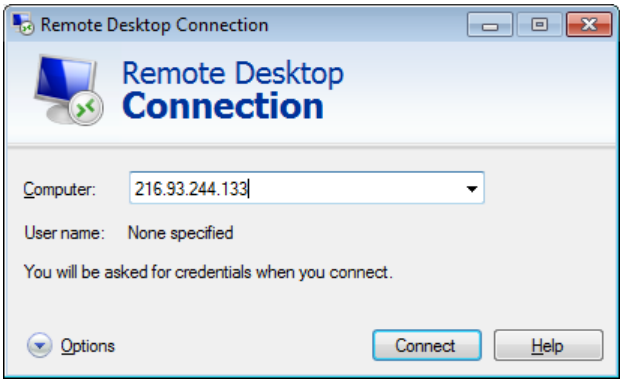


When you sign up for your VPS, you will receive an email with your login details and other information that you'll need to enter into the Remote Desktop Connection.

You will be required to change your password when you first login.

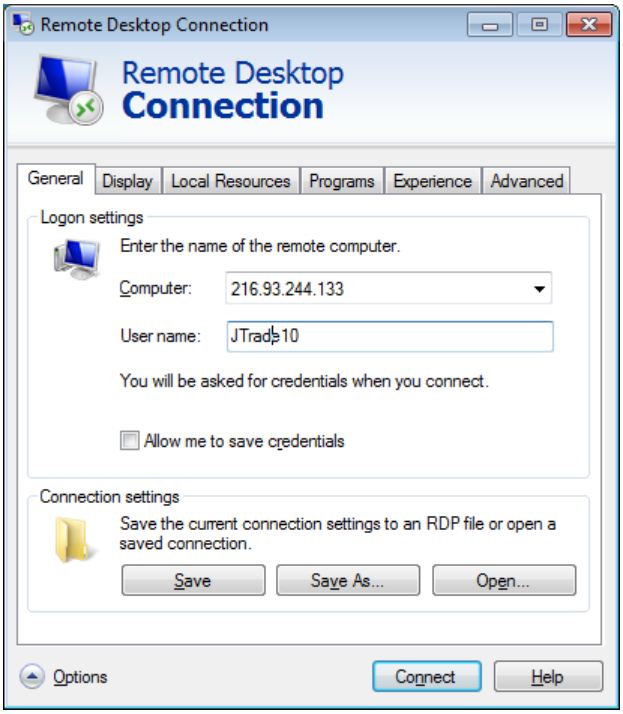
Accessing the VPS for the first time:

1. Click the **Start** menu, select **All Programs**, click **Accessories**, and then select **Communications**. Click **Remote Desktop Connection** which appears in this folder.



2. Click **Options**.

3. On the General tab, enter the VPS IP that was sent to you and your user name.



4. Click **Connect**. A message appears.
5. Check **Don't ask me again for remote connections to this computer** checkbox and click **Connect**. A second message appears.
6. Check **Don't show this warning again for connections to this remote computer** checkbox and click **Yes**.
7. Enter your user name and password and click **OK**.
8. When the login message appears, click **OK** again.
9. Enter the new password you want to use and click **OK**.

Once the remote connection is set up, a shortcut to the VPS appears on your desktop and you can click it to open the Remote Connection.

You can also open the Remote Desktop Connection by clicking the **Start** menu and selecting **Run**. Once the Run window is open, you can enter the command 'mstsc'.

Transferring Files to the VPS

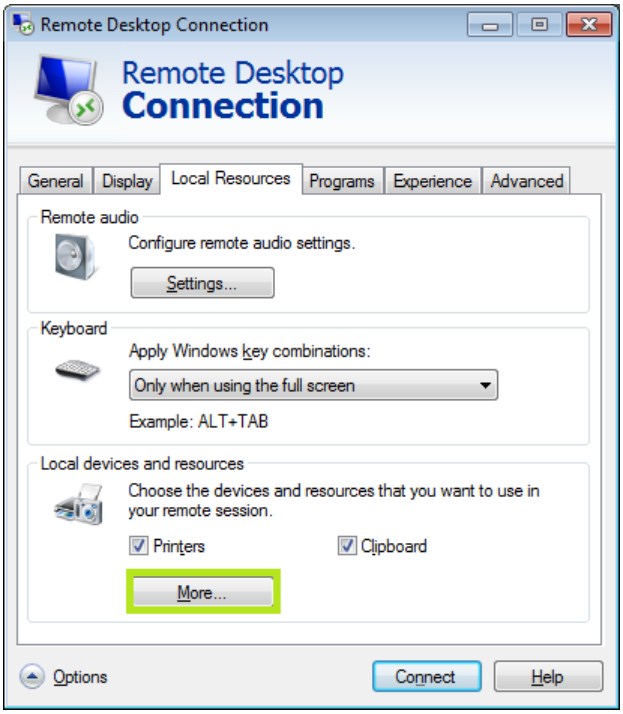
If you already downloaded autotrading strategies, such as expert advisors (EAs) or other types of files to use in MetaTrader 4, you'll need to transfer these files to your VPS before you install them.

EAs are programs that automatically analyze market conditions and place trades in MetaTrader 4 based on criteria that you set. You may also need to transfer scripts, custom indicators and other files. You can find more information about these in GFT's *MetaTrader and MetaEditor User Manual*.

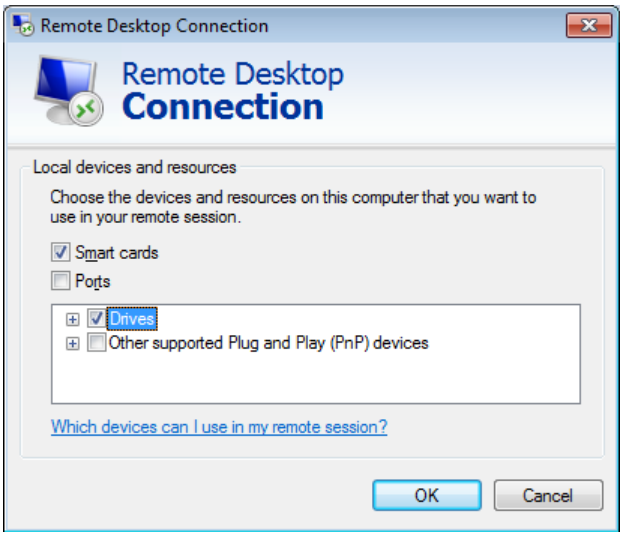
Transferring files to the VPS:

1. Click the **Remote Desktop Connection** shortcut.
2. Click **Options**.

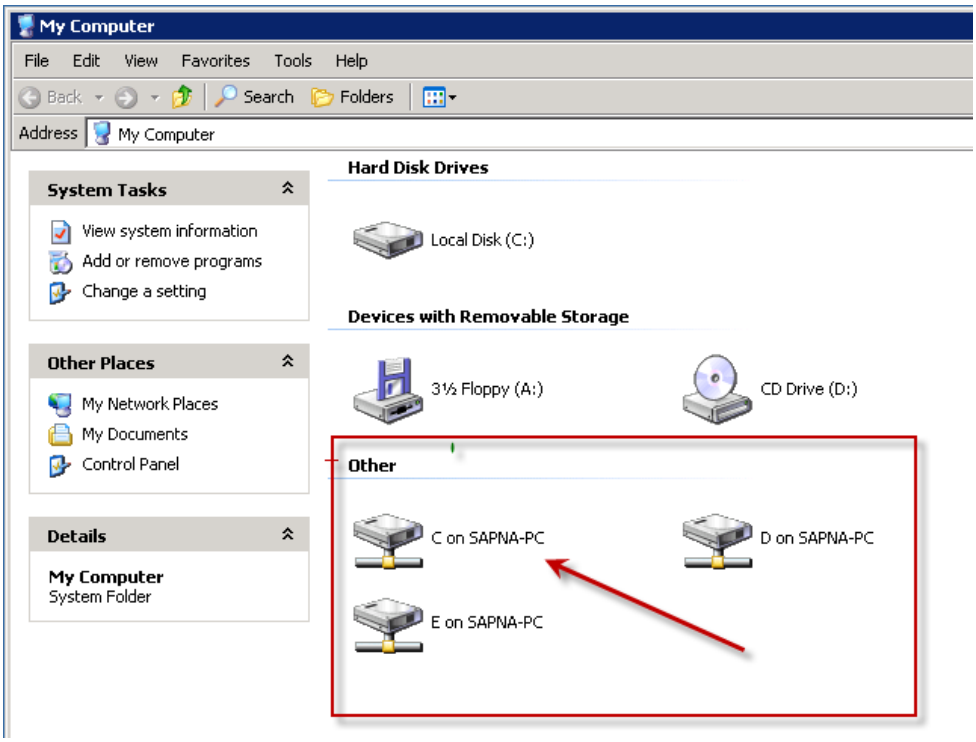
3. Click the Local Resources tab and click **More**.



4. Check the **Drives** box and click **OK**.


Remote Desktop Connection
Remote Desktop Connection
Local devices and resources
Choose the devices and resources on this computer that you want to use in your remote session.
Smart cards
Ports
Drives
Other supported Plug and Play (PnP) devices
Which devices can I use in my remote session?
OK
Cancel

5. Click **Connect**.
6. Once logged into the VPS, click the **Start** menu and select **My Computer**.
7. Under the Other section, verify that the files are available.



If you cannot see your local drives, click the **Start** menu and select **Log Off**. Do not use the × to exit the program. Then, login again. If you continue to have problems, contact GFT.

Installing an Expert Advisor (EA) in the VPS

When your expert advisors are transferred, you can install them on the VPS.

If you have an executable file (.exe) or an .mq4 file, place it on the desktop of your VPS and contact GFT so we can install it for you.

If you have.ex4 and .dll files, you'll need to place your files in the following locations:

- .ex4
  C:\Documents and settings\user\Program Files(x86)\MetaTrader4\experts
- .dll files
  C:\Documents and settings\user\Program Files(x86)\MetaTrader4\experts\library

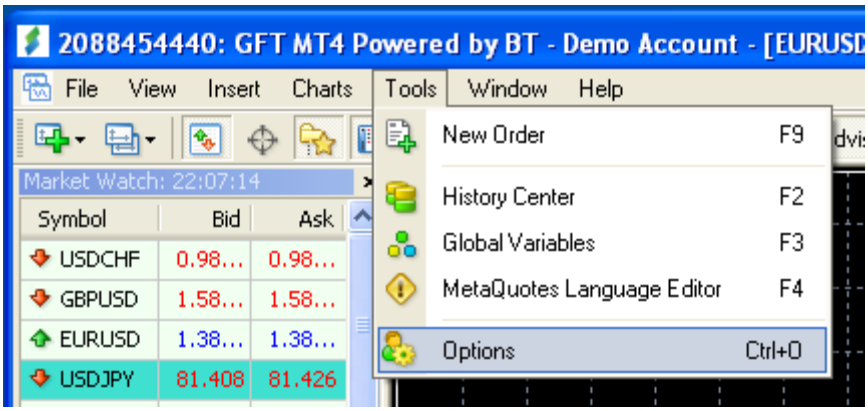
Activating an Expert Advisor (EA) in the VPS

After they're installed, your expert advisors (EAs) will appear in the Expert Advisors folder in MT4. To activate one, you'll need to first enable expert advisors in MetaTrader 4. Then, you can add it to a live chart.

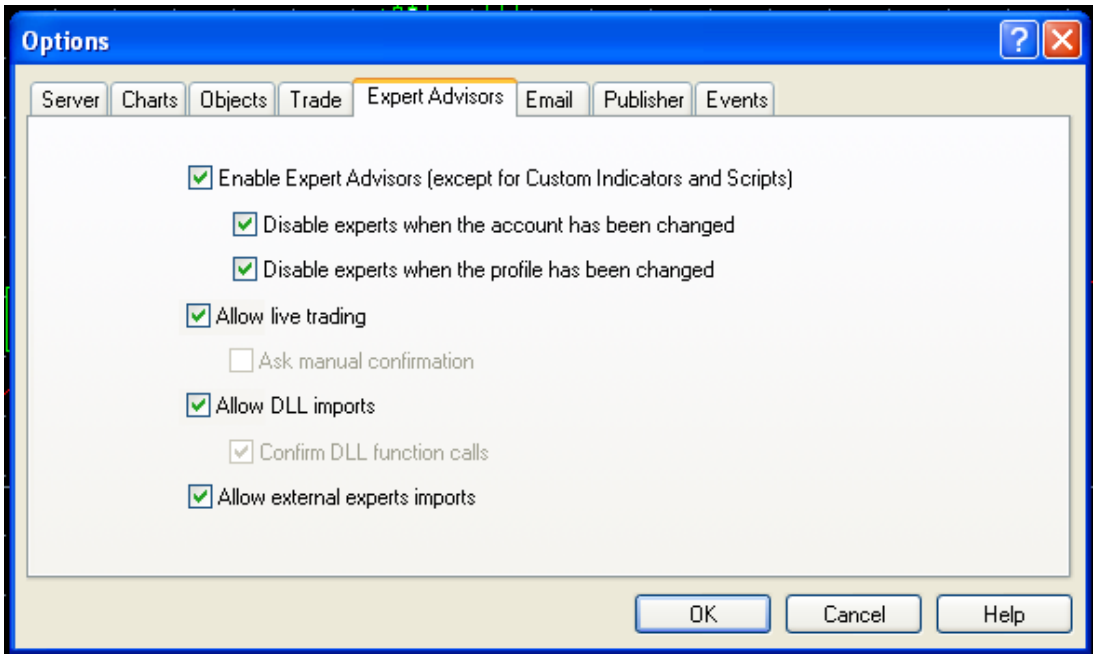
Remember, the **Expert Advisors** button in the Standard toolbar must be active in order for your expert advisor to work.

Activating an Expert Advisor (EA) in the VPS:

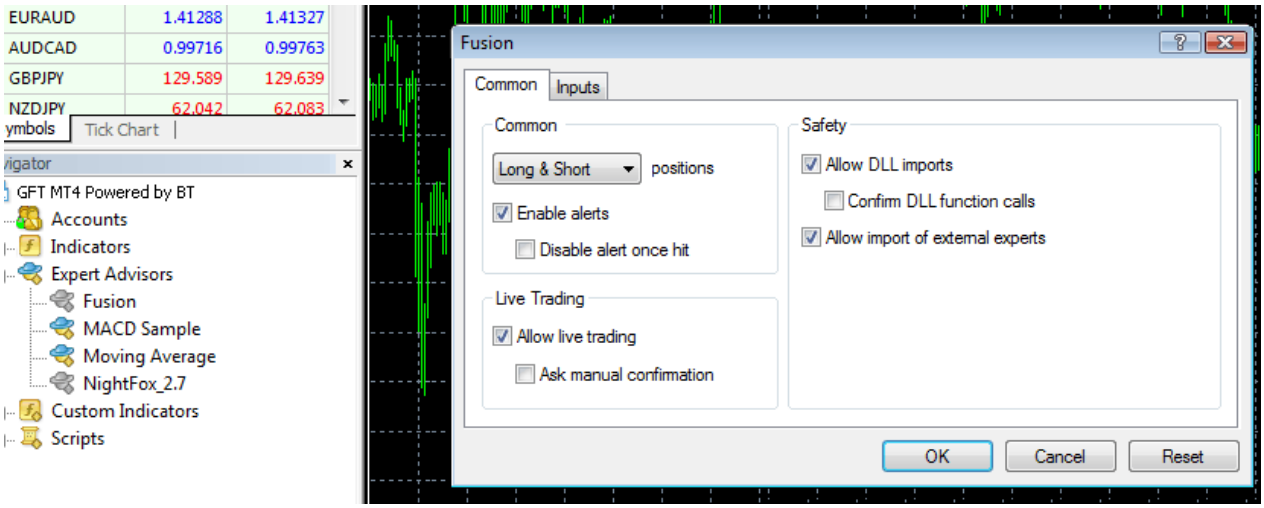
1. Login to MetaTrader 4.
2. Click the **Tools** menu and select **Options**.



3. In the Options window, click **Expert Advisors**.
4. Make sure all of the options are checked and click **OK**.



5. Click the EA that you want in the Expert Advisors folder and drag it to the chart. This opens a parameters window.



6. Make sure **Allow live trading** is checked.

You can verify if the expert advisor has been attached to the chart by looking for one of three types of icons in the upper right corner of the chart. A ☺ means that the expert advisor was attached and is actively trading. A ☹ shows that the expert advisor was attached, but that live trading is disabled for it. A ✖ means that all expert advisors have been disabled.

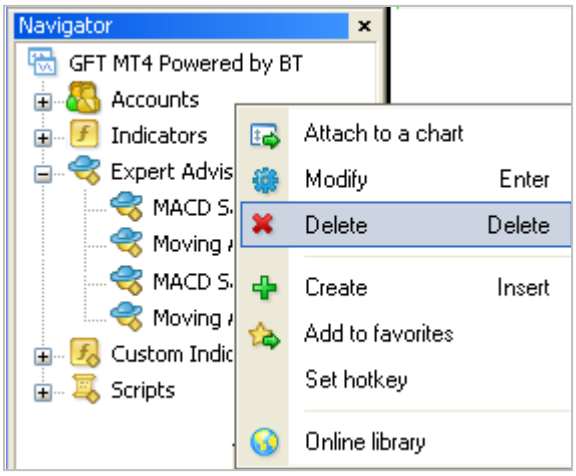
To ensure optimal performance of VPS, manual routine downtime happens on the first Friday of each month at 5 pm EST after the market closes. This maintenance will require all customers to restart their Expert Advisors before the market opens to ensure they are properly re-activated before trading resumes.

Maintaining the VPS

After you set up and use your VPS, you may need to manage it. In this section, we'll look at removing expert advisors and changing your password.

Removing an Expert Advisor from the VPS

You can remove an expert advisor (EA) from the chart by deleting its files and then right-clicking in the chart and selecting **Delete** from the drop-down menu.



Removing an Expert Advisor from the VPS:

1. Using an application like Windows Explorer, navigate to C:\Documents and settings\user\Program Files(x86)\MetaTrader4\experts.
2. Delete the related .mq4 and .ex4 files for that expert advisor.
3. In the MT4 terminal, right-click and select **Expert Advisors**.
4. From the drop-down menu, click **Delete**.
5. Log out and restart MetaTrader 4.

Changing Your VPS Password

From time to time, you may need to change your VPS password. You can do that from within the platform.

Changing your VPS password:

1. While in the VPS, press Ctrl+Alt+End simultaneously in the VPS.
2. Click **Change Password**.

If a message that reads 'The system cannot change your password now because domain is not available,' appears as you change the password, delete the IP address and leave the user name in the **User Name** field.

3. Enter the old and new password and confirm the password.

4. When done, click **OK**. This sends you back to the Windows Security window.
5. Click **Cancel** and you will return to your VPS.

Finding Further Information

If you need help using the VPS with MetaTrader 4, contact GFT at 800-465-4373 or 616-956-9273 to speak with a GFT specialist. You can also access Live Chat on our website to text chat with us as well.

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